



Washington University in St. Louis



WashU's iGEM (International Genetically Engineered Machine) team is recruiting self-motivated undergraduate students from all backgrounds to solve real world problems by designing and engineering microbes! iGEM is the world's premier undergraduate synthetic biology competition (http://2015.igem.org/Main_Page). As a member of the WashU iGEM team, you not only gain valuable research experience, but you will administer all aspects of a research project including managing finances, building the team's wiki, collaborating with other teams, and studying how your project intersects with society. Furthermore, you will present your work at the Giant Jamboree in October 2016 alongside hundreds of amazing teams from around the world.

The 2016 WashU iGEM team will be a part of the Nitrogen project (see link below). Your work could one day help develop crops that do not require the application of fertilizer!
<http://news.wustl.edu/news/Pages/25585.aspx>

Team members will start in January learning about synthetic biology and developing all aspects of their specific part of the Nitrogen project. During the summer, you will work full time, under the supervision of graduate student mentors, conducting the research that you planned; and in the fall, you will prepare to attend the Jamboree by wrapping up the project and creating both an oral and poster presentation. Team members receive a stipend for their work during the summer.

No previous research experience is required – just a passion to solve problems, an interest in synthetic biology and a willingness to work hard and be an excellent team member! We will host an information session, Tuesday, November 3rd at 6 pm in January Hall, Room 10. The following application should be returned to washu.igem@gmail.com by **Monday, November 30**. You can also send questions to the same address. We are looking forward to WashU's best iGEM team yet in 2016!

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2016 Application

Email completed application to washu.igem@gmail.com by November 30.

Name:

Major:

Current Year (Freshman, Sophomore,...):

E-mail:

1. Why do you want to join iGEM?
2. What are your career goals, and how will participating in iGEM contribute to your goals?
3. What are your research interests and how will iGEM support those interests?
(Include any experience you have; although experience is not required to apply.)
4. Spend a little time looking at some of the wikis for the 2015 teams
(http://igem.org/Team_Wikis?year=2015). What is your favorite project and why?

5. What is your outlook on the structure and interactions within a team?
6. In what ways do you see yourself contributing to the WashU iGEM team?
7. How do you approach completing a difficult team project? Give an example, including your specific role?
8. What would you do if another team member does not fulfill their part of the project?
9. How do you respond when something you do fails? Include an example.